

ABSTRACT

5 By using a surface inspection apparatus comprising a
light source 11 for applying a light to a surface of an
object 2 to be measured, an objective lens 12 opposite to
the surface of the object 2 to be measured and for receiving
a reflected light applied from the light source 11 and
reflected on the surface of the object 2 to be measured,
light detection means 13 for detecting a component incident
10 on the objective lens 12 from a parallel direction with its
optical axis in the reflected light passing through this
objective lens 12 and obtaining its light quantity, and a
slit 29 provided in the optical path between the objective
lens 12 and light detection means 13, because the light
15 detection extent in the surface of the object 2 to be
measured can be narrowed with the slit 29, its surface
condition can be measured with a good accuracy independently
of the shape of the object to be measured.